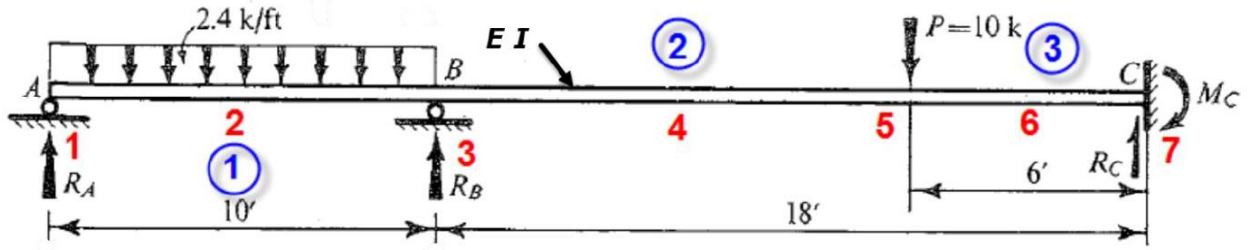
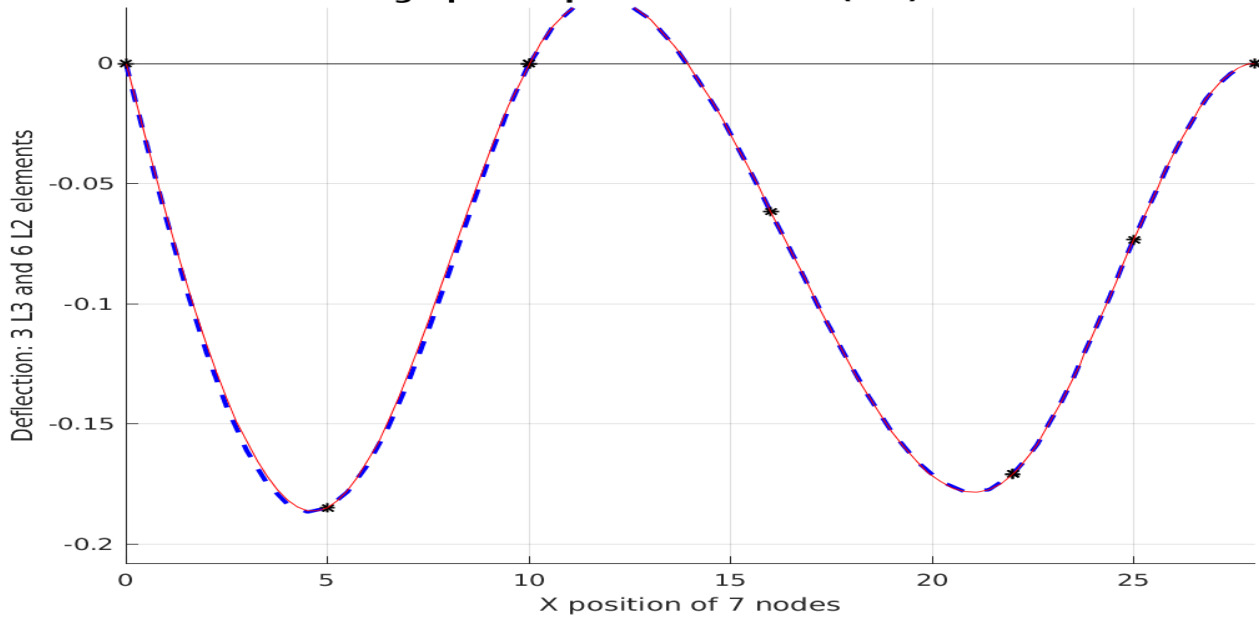


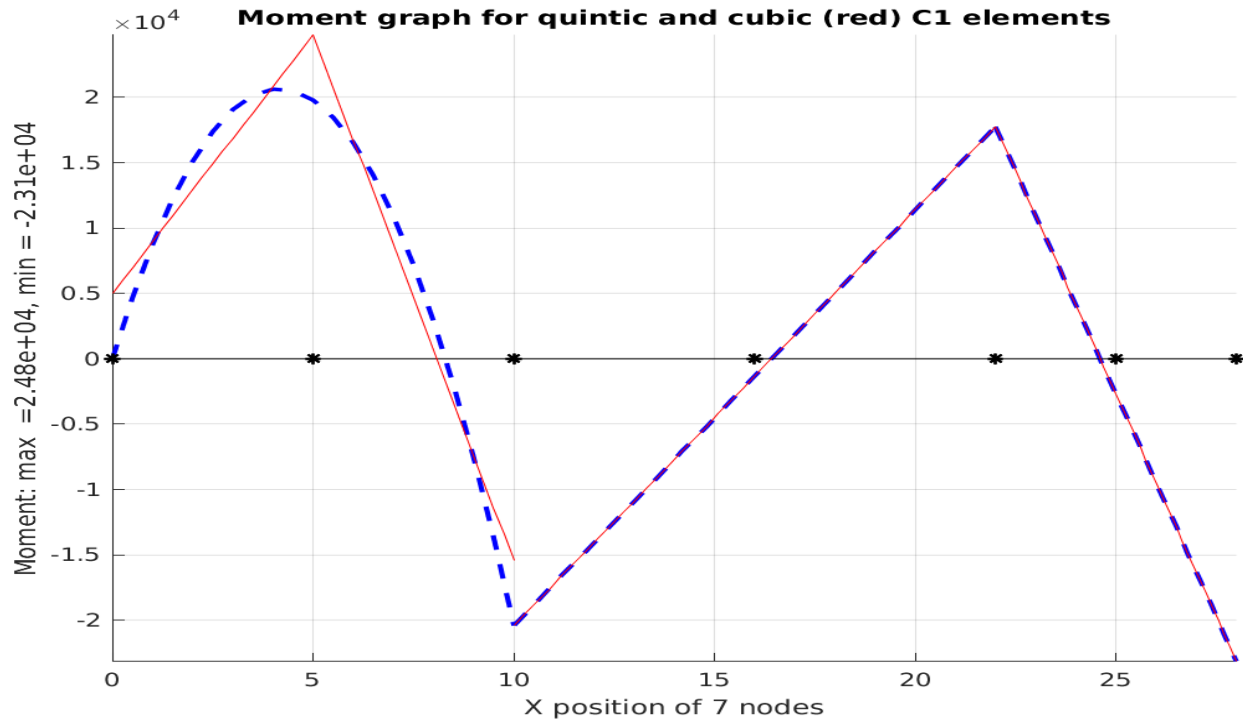
Comparing finite element beam models: J.E. Akin, Rice University
 Comparing classic cubic beam with exact quintic beam element

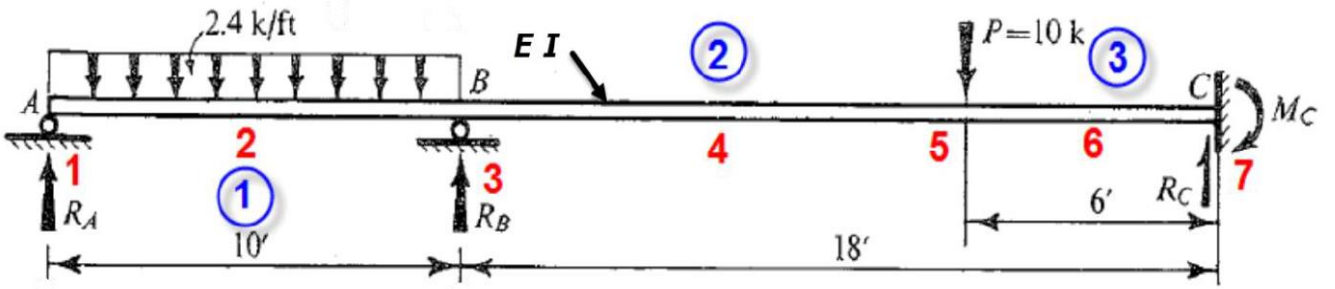


Solution graph for quintic and cubic (red) C1 elements



Moment graph for quintic and cubic (red) C1 elements





Shear graph for quintic and cubic (red) C1 elements

